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YUGOSLAVIAN

PHYSICS, ELECTRONICS, AND COMMUNICATIONS

(Organizational Pertinent to Electronics,
Communications, Physics, and Electronics
Science Planning.)

WARNING

This document contains information affecting
the national defense of the United States,
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PART AINTRODUCTION

The most vital information necessary to estimate future foreign technological and scientific developments is that pertaining to scientific plans and policies. This paper is designed to assist intelligence personnel in developing information on foreign scientific plans. It contains detailed information on the organizational structure of those portions of the Czechoslovakian Republic which are pertinent to electronics, communications, physics, and geophysics. (For the sake of completeness, certain units not directly pertinent to these fields are sometimes included.)

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GENERAL COMMENTS

The study is divided into 10 Parts. (See Figure A-1 for general arrangement.) Within each Part, Figure numbers and page numbers run consecutively within each part-- e.g., Figure B-1, B-2 ... etc., Page C-1, C-2 ... etc.

The study is believed to include almost all pertinent intelligence available to this Agency as of 1 January 1953.

-A-2-

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List of Ministries and Economic Organs

/PART B/

State Planning Office

/PART B/

Czech Academy of Science and Arts

/PART B/

Units probably under Minister of Schools, Sciences, and Arts

/PART B/

Societies and Research Institutions

/PART B/

Military Technical Institute

/PART B/

Technical Document Center

/PART B/

Figure A-1
General Outline of this Study

- A-1 -

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PART B

LIST OF MINISTRIES AND ECONOMIC ORGANS

Among the Ministries listed, the Ministry of General Machinery directs the activities of the majority of those units in Czechoslovakia concerned with electronics and electrotechnology.

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List of Ministries and Economic Organs

<u>No.</u>	<u>Name of Ministry</u>
1.	Ministerstvo paliv a energetiky Ministry of Fuel and Power
2.	Ministerstvo hutniho prumyslu a rudnych dolu Ministry of Metallurgic Industry and Ore Mines
3.	Ministerstvo dopravy Ministry of Transportation
4.	Ministerstvo chemickeho prumyslu Ministry of Chemical Industry
5.	Ministerstvo tazkeho strojirenstvi Ministry of Heavy Machinery
6.	Ministerstvo vseobecneho strojirenstvi Ministry of General Machinery
7.	Ministerstvo lehkeho prumyslu Ministry of Light Industry
8.	Ministerstvo stavebniho prumyslu Ministry of Construction Industry
9.	Ministerstvo zemedelstvi Ministry of Agriculture
10.	Ministerstvo lesu a drevarskeho prumyslu Ministry of Forests and Lumber Industry
11.	Ministerstvo potravinarskeho prumyslu Ministry of Food Industry
12.	Ministerstvo vnitra Ministry of Interior
13.	Ministerstvo vnitriho obchodu Ministry of Internal Trade
14.	Ministerstvo informaci a osvety Ministry of Information and Culture
15.	Ministerstvo zdravotnictvi Ministry of Health
16.	Ministerstvo post Ministry of Posts
17.	Ministerstvo pracovnich sil Ministry of Labor

Figure B-1
List of Ministries and Economic Organs
-B-2-

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<u>No.</u>	<u>Name of Ministry</u>
18.	Ministerstvo zahraničného obchodu Ministry of Foreign Trade
19.	Ministerstvo financi Ministry of Finance
20.	Ministerstvo školstva, vedy a umenia Ministry of Education, Science and Art
21.	Štátny úrad pre telesnú výchovu a šport State Office for Physical Culture and Sports
22.	Štátna rezerva State reserve
23.	Rezerva Ministerstva Ministry reserve
24.	Bezpečnosť Security

Figure B-1
List of Ministries and Economic Organs

-B-3-

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Ministerstvo hutního průmyslu a rudných dolů
 Ministry of Metallurgic Industry and Ore Mines
 Praha XII, Slezská 9

Hlavní správa geologického průzkumu
 Main Administration of Geological Research

Ministerstvo chemického průmyslu
 Ministry of Chemical Industry
 Praha II, Štepanská u.č. 30

- a. Hlavní správa zvláštní výroba
Main Administration of Special Production
- b. Hlavní správa pohonné látky
Main Administration of Fuel
- c. Hlavní správa anorganická chemie
Main Administration of Inorganic Chemistry
- d. Hlavní správa organická chemie a plastické hmoty
Main Administration of Organic Chemistry and Plastic Materials
- e. Hlavní správa kaučuk-asbest
Main Administration of Rubber and Asbestos
- f. Hlavní správa umělá vlákna
Main Administration of Artificial Fibers
- g. Hlavní správa lehká chemie
Main Administration of Light Chemistry
- h. Hlavní správa pohonné látky
Main Administration of Fuel

Ministerstvo těžkého strojírenství
 Ministry of Heavy Machinery
 Praha I, Na Františku

- a. Hlavní správa elektrotechnika
Main Administration of Electrical Engineering
- b. Hlavní správa energetická a chemická zařízení
Main Administration of Power and Chemical Equipment
- c. Hlavní správa důlní a hutní zařízení
Main Administration of Mining and Metallurgic Equipment
- d. Hlavní správa obrábací stroje
Main Administration of Machine Tools
- e. Hlavní správa zemědělské a stavební stroje
Main Administration of Agricultural and Construction Machinery
- f. Hlavní správa kovové zboží
Main Administration of Metal Goods

Figure B-1
 List of Ministries and Economic Organs

- B-4 -

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Ministerstvo všeobecného strojírenství
 Ministry of General Machinery
 Praha II, Palackého nám. 4

- a. Hlavní správa 01
Main Administration 01
- b. Hlavní správa 02
Main Administration 02
- c. Hlavní správa 03
Main Administration 03
- d. Hlavní správa 04
Main Administration 04
- e. Hlavní správa 05
Main Administration 05

Tesla Karlin, n.p.	Praha-Karlin
Tesla Stasnice, n.p.	Praha-Strasnice
Tesla n.p.	Praha-Hloubetin
Tesla Holešovice, n.p.	Praha-Holešovice
Tesla Kolin, n.p.	Kolin
Tesla Pardubice, n.p.	Pardubice
Tesla Roznov, n.p.	Roznov Pod Radhoštěm
Tesla Lanškroun, n.p.	Lanškroun
Tesla Bratislava, n.p.	Bratislava
Metra n.p.	Blansko
Elektrosignal, n.p.	Praha-Holešovice
Meopta, n.p.	Prerov
Meopta Kosiř, n.p.	Praha-Kosiř
Tesla Elektrotechnik, n.p.	Praha-nové Město
Elektro-pragma, n.p.	Stráž n. Nisou (1 October 1951)

Figure B-1
 List of Ministries and Economic Organs

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Ministerstvo lehkého průmyslu
Ministry of Light Industry
Praha II, Na Poříčí 26

Hlavní správa průmyslu skla a jemné keramiky
Main Administration of Glass and Fine Ceramics Industry
Elektrokeramika, n.p. Praha-Liben, Kotelárka

Ministerstvo informací a osvěty
Ministry of Information and Culture
Praha III, Valdejská 10-12, Valdejské nám. 3

Zřízení státní správy podřízené MIO
State Administered Installations under the Ministry of
Information and Culture

Fotografia, družst. vo fotografu Praha II, Biskupský dvůr 6
Fotografia, Cooperative of Cameramen

Figure B-1
List of Ministries and Economic Organs

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PART C

STATE PLANNING OFFICE

(STATNI URAD PIANOVACI)

/ At one time the State Planning Office contained a Center of Scientific Research and Technical Development (See Figures C-3 and C-4). The present status and activities of this unit are unknown and it may have been dissolved. It is possible that the newly-established Academy of Science and Arts may carry out over-all scientific and technical planning. /

- C-1 -

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Little recent intelligence is available concerning the Czechoslovakian planning unit.

A State Planning Office (see Figures C-1 through C-4) was in existence at least until late 1951. On 6 December 1951, a Czech newspaper reported that the assignments of that office were as follows:

"It is the duty of the State Planning Office to work out and lay before the government for approval its recommendations for annual and quarterly national economic plans and to see to their accomplishment once they are approved. Solutions for individual problems requiring special attention are worked out there and presented to the government for approval. Planned distribution of raw materials, resources, and supplies belonging to the national economy, and their stockpiling and guarding, are carried out either directly by the State Planning Office or coordinated by it. New Methods are planned and introduced and submitted for government approval.

"Opinions regarding all questions of the national economy are forwarded to the government, particularly when the questions originate in the individual ministries. The State Planning Office gives its opinions of the state budget and of the credit and payment plans. It organizes scientific cooperation and exchange of ideas with friendly nations, works out basic directives for price control, and coordinates the entire price-stabilizing activity. It directs the work of ministries in establishing norms for the main kinds of industrial products and approves them. In general, the State Planning Office works out methodical directives and questionnaires for compiling state economic plans.

"The State Planning Office also has the function of ensuring a constant rise in manpower and economic expansion, consolidation of the socialist sector of the national economy.

- C-2 -

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and the raising of the standard of living and culture of the workers. Another aim is to strengthen and expand economic relations with the USSR and the People's Democracies and to strengthen Czechoslovakia's economic independence of capitalist nations, as well as to raise the defense potential of the country."

Later one report stated:

"On orders from Moscow the Czechoslovak State Planning Office headed by Vice-Minister Josef PUCIK will play a new role, effective 1 May 1952. The result is a considerable loss of power by the Planning Office since it will serve mainly to help the various ministries gather statistics and industrial information for planning, and the Czechoslovak Presidium will take over the coordination of the plans of the ministries."

In early 1951 the State Planning Office contained a Center of Scientific Research and Technical Development (see Figure C-3). However, a State Department Dispatch of 21 March 1952 reported:

"In November, 1951, this Research organization was abolished by government decree and its activities placed within the State Planning Office which is responsible for over-all planning for technical development and research.

The Embassy does not know what this section of the State Planning Office is called."

The Prague radio stated on 14 October 52 that "Czechoslovak planning organizations are to become State Planning Institutes."

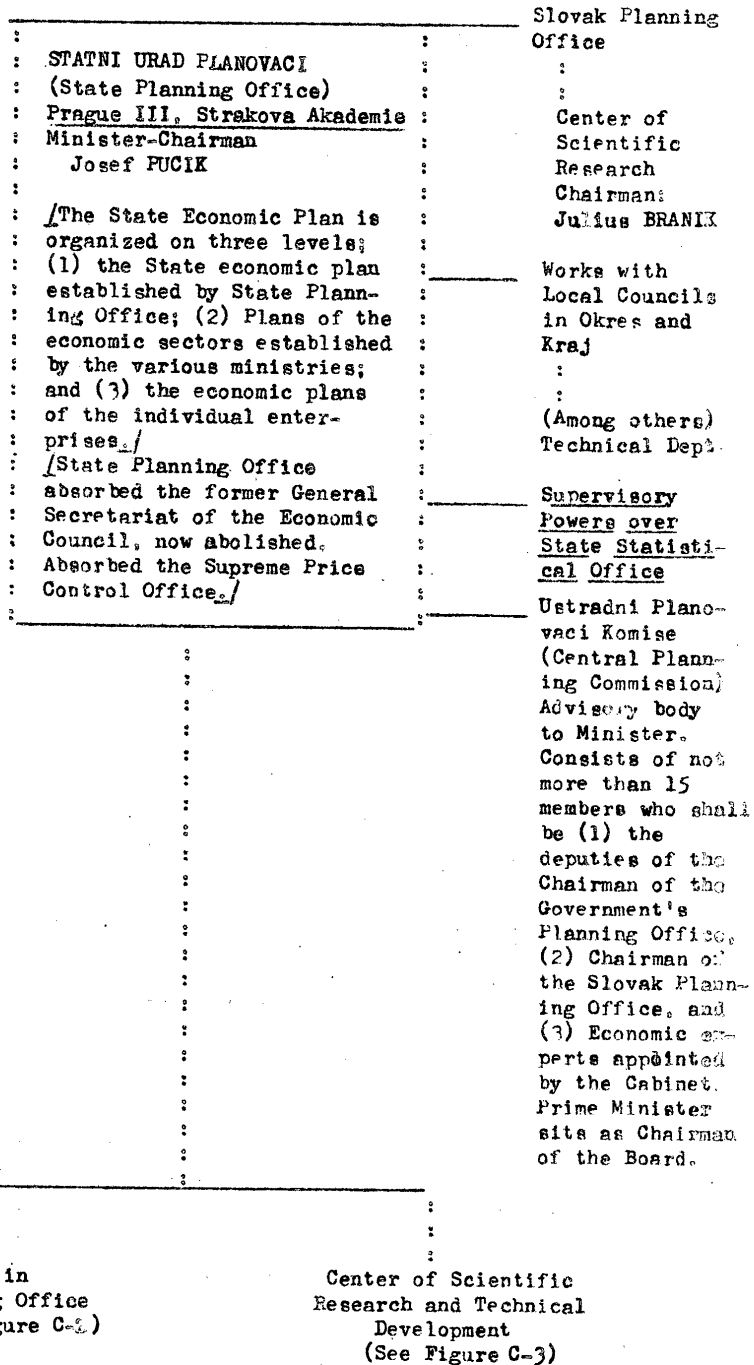
- C-3 -

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Offices in Moscow
/Ing. (fnu)HUSEK/
Poland, Hungary,
Rumania.
Attached to Czecho-
slovak Embassies in
Satellites.



Offices in
State Planning Office
(See Figure C-3)

Center of Scientific
Research and Technical
Development
(See Figure C-3)

Figure C-1
State Planning Office

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OFFICES IN STATE PLANNING OFFICE:- Cadre Sector
:- Frantisek MUCHA

- :- Organization, operation and contact
- :- Records of Plan Fulfillment
- :- Supervision of Plan Requirements
- :- Supervision of Plan Production
- :- Commerce, Banking, Consumption
- :- Plenipotentiaries of State Planning Office

:- Legal and Legislative

Dr. Armin GLANZ /Reported in January 1951 as Chief, Economics
Section of the office of the Prime Minister./

- :- General and Organization
- :- Budget, Economic and Accounting
- :- Documentation, Library and Translations
- :- Publication and Edition
- :- Graphic-Technical
- :- Local Legislature
- :- Foreign Legislature

:- Summary Material Balance

Dr. Zdenek MALOCH

- :- Summary balances of material
- :- Stocks and consumption norms
- :- Balance of mining and metallurgical production
- :- Balance of power, public utility and metal-working industry production
- :- Balance of production of chemicals, ceramics, glass textiles, leather, rubber
- :- Balance of production of forestry, woodworking industry, paper and cellulose
- :- Balance of agriculture and food production

Figure C-2
Offices in State Planning Office

-C-5 -

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Offices in State Planning Office (continued)

```

:
:
:- Investments
: Dr. Josef STANEK
:
: :- Over-all plan of investments
:
: :- Investment Units
:
: :- Building Investments
:
: :- Other Investments
:
: :- General
:
:
:- Labor Power and Social Services
:
: :- Labor Power
:
: :- Social and Health Services
:
: :- Education, Culture and other public administrations
:
: :- Output norms and wages
:
: :- Standard of living
:
:
:- Trade and Traveling Traffic
: Mr. Eduard PIKART
:
: :- Plan of Foreign Trade
:
: :- Sectional Plan of Foreign Trade
:
: :- Miscellaneous
:
: :- Inner Consumption
:
: :- Distribution and Traveling Traffic
:
:
:- Coordination
: Ing. Jaroslav BALABAN
:
: :- Organization of Work in Planning
:
: :- Over-all Plan of Technical Development and Research
:
: :- Methodics, Technique and Organization of Planning
:
: :- Methodics and Coordination of Balances
:
: :- Methodics of Planning Production and Services
:
: :- Over-all Plans of Production and Services
:
: :- Composition and Development of National Economy
:
: :- Over-all Balance
:
: :- Analysis of National Economy

```

Figure C-2 (Continued)
Offices in State Planning Office

- C-6 -

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Offices in State Planning Office (continued)

:- Financial Plan

Dr. Ing. Vaclav KREYSA

:- Central Financial Plan

:- Financial Plan of Public Administration

:- Financial Plan of Enterprises

:- Planning of Cost and Prices

:- Regional

Frantisek MUCHA

:- General Organization

:- Slovakia

:- Research

:- Central Regional Plan

:- District Plan and Balance

:- Territorial Plan

:- Water Supply Plan

:- Accounting

Dr. Ing. Jaroslav KUBESA

:- Accounting

:- Calculations

:- Budgets

:- Statistics

:- Appraising

:- General and Research

:- Heavy Industry

Ing. Emil MARTINEC /Reported to be Alternate Vice-Chairman, Czech
Section, Czech-Polish Industrial Commission_/

:- Summary Plan

:- Qualitative Plan

:- Mines

:- Power

Figure C-2 (continued)
Offices in State Planning Office

- C-7 -

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Offices in State Planning Office (continued)

```

:
:
:   :- Metallurgy
:
:   :- Heavy Engineering and Vehicles
:
:   :- Precision Engineering and Light Metals
:
:   :- Chemicals
:
:
:
:
:   :- Light Industry
:
:   :- Summary Plan
:
:   :- Qualitative Plan
:
:   :- Ceramics and Glass
:
:   :- Wood and Paper
:
:   :- Textiles and Clothing
:
:   :- Leather, Rubber
:
:   :- Graphics, Gramo and Films
:
:   :- District Production
:
:
:
:   :- Building
:   Ing. Oldrich STIBOR
:
:   :- Summary Plan
:
:   :- Qualitative Plan
:
:   :- Building Production
:
:   :- Special Building Production
:
:   :- Special Tasks
:
:
:
:   :- Transportation
:   Jos. FUXA
:
:   :- Summary Plans of Transportations
:
:   :- Plan of Transportation Buildings and Raw Materials (for
:   transportation)
:
:   :- Plan of Outputs, Consumption of Products and Labor Power
:   in Transportation
:
:   :- Plan of Transportation in Districts and Transportation by
:   Road
:
:   :- Posts, Telecommunications and Air Transportation

```

Figure C-2 (continued)
Offices in State Planning Office

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Offices in State Planning Office (continued)

```

:
:
:- Agriculture
: Dr. Ing. Jan MIKES
:
:   :- Summary Plan
:   :- Qualitative Plan
:   :- Vegetable Production
:   :- Animal Production
:   :- State and Cooperative Sector
:
:
:- Forestry
: Ing. Otakar POLAK
:
:   :- Summary Plan
:   :- Qualitative Plan
:   :- Plan of Production and Yield
:
:
:- Food
: Dr. Karel HEJMA
:
:   :- Summary Plan
:   :- Qualitative
:   :- Plan of Food Consumption
:   :- Plan of Food Industry
:   :- Beer, Malt, Alcohol, Sugar, Candy, Tobacco, Salt
:   :- Flour Mills and other Food Industries
:
:
:- Economic Cooperation
: Ing. Jan HUSEK
:
:   :- Coordination and General
:   :- USSR
:   :- Poland
:   :- Southeast
:   :- Production
:   :- Foreign Trade, Finance, Transportation
:
:

```

Figure C-2 (continued)
Offices in State Planning Office

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Offices in State Planning Office (continued)

```

:
:
:   :- Scientific-Technical Cooperation
:
:   :- Research and Politico-Economic
:
:
:
:- Long-Term Plan
   Jan HUSEK
:
:   :- Plan of Economic Development
:
:   :- Plan for Developing Industrial Production
:
:   :- Plan for Developing Agricultural Production and Food
:
:   :- Plan for Building Towns and Communities
:
:   :- General Water Economy Plan
:
:   :- Water Economy Offices

```

Figure C-2 (continued)
Offices in State Planning Office

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:
 : USTREDI VYZKUMU A TECHNICK. ROZVOJE :
 : (Center of Scientific Research :
 : and Technical Development) :
 :
 : Chairman: Dr. J. FUKATKO : ---Chairman advised by
 : Deputy Chairman: (fnu) VLCEK : Research Council
 : In mid-1950, Czech papers reported: :
 : "The Scientific Research Center, :
 : which began functioning in :
 : February 1950, has been assigned :
 : three urgent tasks: To examine :
 : the research plan for the re- :
 : mainder of 1950, to secure the :
 : fulfillment of the plan through :
 : appropriate organisational arrange- :
 : ments, and to enlarge and secure :
 : the education of new scientific :
 : cadres." :

Ustredni Vyskumne Ustavy
 (Central Research Institutes)
 (See Figure C-4)

:
 :
 : --- Urad pro Vynalezky a
 : Zlepsovaci Namety
 : (Office for Inventions
 : and Improvements)
 :
 :
 : --- Urad pro Normalizaci
 : (Office for Standardisation)
 : Prague XII, Vozelova 3
 :
 :
 : --- Ceskoslovensky Ustav pro
 : Technicka-hospodarskov
 : Dokumentaci (Czechoslovak
 : Institute for Technical
 : Economic Documentation)

Figure C-3

Center of Scientific Research and Technical Development

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.....	USTREDNI VYZKUMNE USTAVY
Departmental :	(Central Research Institutes)	Sector research
research :	Directly responsible to Center	institutes sub-
institutes :	of Scientific Research and	ordinated to
under the :	Technical Development.	the "Central
Ministries.* :		Managements"
.....	Their functions are:	/of an individ-
	(1) Conduct, within the frame-	ual industry/
	work of the plan for research
	work, theoretical, and experi-	
	mental research in their own	
	fields, primarily basic	
	research.	
	(2) Fulfill other tasks assign-	
	ed to them by the Scientific	
	Research Center.	
	(3) Train scientific workers.	
	(4) Cooperate in the prepara-	
	tion of the proposed research	
	plan.	
	(5) Support the Center in the	
	fulfillment of its tasks.	
	The Central Institutions are	
	independent state institutions.	
	They are administered by	
	managers who are assisted by	
	deputies. The managers and	
	their deputies are appointed by	
	the cabinet, on recommendations	
	of the Minister-Chairman of the	
	State Planning Office and follow-	
	ing the testimony of the	
	Scientific Research Center.	

Established in Prague effective 1 July 50

.....
Biology	:
Chemistry	:
Physics	:
Geology	:
Mathematics	:
Polarography	:
Astronomy	:

* "Ministers and State, communal, and equivalent enterprises can establish research institutes after the necessary approval.
/Cont'd next page/

..... /"The Minister-Chairman of the State Planning Office may establish subsidiaries of central institutions outside Prague."/

..... Advisory group of not more than 15 members established as auxiliary organizations of the Managers of Central Institutions. Appointed by
/Cont'd next page/

Figure C-4
Central Research Institutes

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Central Research Institutes (continued)

Institutions of higher learning normally conducting research will be considered institutions of the ministries." Law does not cover research institutions of the military administration.

the chairman of the Scientific Research Center on the recommendations of the manager of the central institution. The members are appointed from among the representatives of the participating ministries, enterprises of the socialist sector, institutions of higher learning, and mass organizations. Membership in the advisory group is an honorary function. The task of an advisory group is to, above all, give suggestions concerning the proposal for its work plan.

Figure C-4 (continued)
Central Research Institutes

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PART D

CZECH ACADEMY OF SCIENCE AND ARTS

/ A reorganization of the Czech Academy of Science and Arts occurred on 29 October 52. The present organization is unknown. Since it is possible the new Academy may carry out over-all scientific and technical planning, details of the former Academy are given for possible assistance in studying the new organization. /

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A reorganization of the Czech Academy of Science and Arts occurred on 29 October 1952. Nothing is known as yet concerning the present organization of the Academy.

According to a Czech radio broadcast of 11 October 1950:

"Lidova Noviny, the writers' daily, reports that Deputy Ladislav NOVOMESKY has been appointed chairman of the board of Slovak Academy of Arts and Sciences. The Slovak Academy will in the future organize all scientific life in Slovakia and direct it, the paper points out. The organizational forms of the Slovak Academy will be laid down after the new Czechoslovak Academy of Science has been established.

"The Slovak Academy so far has concentrated on social sciences, but it will in the future widen its activities to include also natural and technical sciences in accordance with the requirements of reconstruction. It will also oversee the publication of the results of scientific research so as to make them accessible to the widest masses of the population. Besides original publications the Academy will pay great attention to translations from Soviet expert literature.

"The Slovak board of commissioners have appointed a new 12-member board for the academy's administration, at the head of which is Deputy L. NOVOMESKY. Activities started on Oct. 4." Another broadcast of 26 April 1952 stated:

"The government has laid foundations for a Czechoslovakian Academy of Science as the supreme unified institution of Czech and Slovak scientists. A government commission has established four sections of the various scientific categories."

Several reports indicate that an Institute of Nuclear Physics (Ústav Pro Atomovou Fysiku) was located under the old Academy.

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ČESKÁ AKADEMIE VĚD A UMĚNÍ
(Czech Academy of Science and Arts)
Prague I, Narodní Tr. 3

President: Blahoslav ŠEPLAVÝ (Zdenek NEJEDLY?)

President of Mathematics, Natural Science and Medicine Section:
Prof. Ing. Dr. techn. Zdeněk BAŽANT

Secretary: Prof. Dr. Julius KOMÁREK

Members - Natural History

Karel ABSOLON

Jindřich BARVÍŘ

Zdeněk BAŽANT

Stanislav BECHYNĚ (Prof. of Engineering)

František BÍLEK

Bohumil BYDŽOVSKÝ (Mathematician)

Eduard ČECH (Prof. Dr. Mathematician)

Rudolf HAC

Antonín HAMSÍK

Josef HANUŠ

Haroslav HEYROVSKÝ (Physical Chemistry, Physical Optics)

Bohuslav HOSTINSKÝ (Applied Mechanics)

Jaroslav HÝBL

Viktor JANDA

Vojtěch JAREŠ

Vojtěch JARNÍK (Mathematics)

Theodor JEŽDÍK (Prof. Dr. Engineering)

Antonín JÍLEK (Meteorologist)

Arnold JIRÁSEK (Medicine - Surgery)

Račim KETTNER

Rudolf KIMLA

Figure D-1
Former Organization Czech Academy of Science and Arts

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Ceska Akademie ved a Umeni (continued)

Members - Natural History (cont'd)

František KLOKNER
 Julius KOMÁREK
 Jan KOŘÍNEK
 Vladimír KOŘÍNEK (Mathematician)
 Jaromír KOUTEK
 Josef KRATOCHVÍL
 Jindřich KŘEPELKA (Chemist)
 Vladimír KŘEPELKA
 Vilém LANFBERGER (Physiologist)
 Jaroslav MILBAUER
 Bohumil NĚMEC
 František A. NOVÁK (Engineer- (Mining) Uranium)
 Josef PELNÁŘ
 Václav PETRŽÍLKA (Physicist - Cosmic Rays)
 Josef PODPĚRA (Botanist)
 Ferdinand PRANTL (Mining Engineer - Uranium)
 Silvestr PRÁT (Cell Biologist)
 Antonín PŘECECHTEL (Engineer - Machine Works - Tech. Administration)
 Maurice REMEŠ
 Josef REZNÍČEK (Electro-Technical Engineer - Atomic Power Generation)
 František SLAVÍK (Mineralogist)
 Jan SMETANA (Hydraulic Engineer - Turbulence; Geophysics, Geodesy)
 František Karel STUDNICKA
 Heřman ŠIKL

Figure D-1
 Former Organization Czech Academy of Science and Arts (continued)

- D-4 -

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Ceska Akademie ved a Umeni (continued)

Members - Natural History (cont'd)

Karel ŠULC (Engineer)

Oldřich TOMÍČEK (Analytical Chem.)

Viktor TRKAL (Theoretical Physicist)

Alois VELICH

Vítězslav VESELÝ (Botanist)

Jan WOLF

Figure D-1

Former Organization Czech Academy of Science and Arts (continued)

- D-5 -

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PART E

UNITS PROBABLY UNDER MINISTRY OF SCHOOLS, SCIENCES, AND ARTS

/ At least some of the Units listed are carrying out research in electronics, communications, physics, and geophysics. /

- E-1 -

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Ministerstvo Školství, vědy a Umění
(Minister of Schools, Sciences, and Arts)

Ernest KYKORA

--- Advisory Board

--- Statní výbor pro vysoké školy
(State Committee for Universities)

Universities

- a. Karlova Universita (Charles University),
Prague I, Parizka Tr. 27

Mathematical Physical Faculty

Biological Faculty

Formerly combined as Natural
Science Faculty.

Institute of Meteorology

- b. Masarykova Universita (Masaryk University)
Brno

Faculty of Science

- c. Slovenska Universita v Bratislava (Slovak University of Bratislava)
Bratislava, Ul. Paulinyho-Totha 1

Faculty of Science

- d. Ceske Vysoke Ucení Technické (Czech Technical University)
Prague II, Karlovo Nam. 13

Faculty of Mechanical and Electrotechnical Engineering

Faculty of Chemical Engineering

- e. Vysoká škola Technická Dr. E. Benese (The Dr. E. Benes Technical Univ.)
Brno, Veveri 95

Faculty of Mechanical and Electrical Engineering

Faculty of Chemical Engineering

- f. Slovenská Vysoká škola Technická (Technical University of Slovakia)
Bratislava, Lazova 1

Faculty of Mechanical and Electrotechnical Engineering

Faculty of Chemical Engineering

Faculty of Special Sciences

Figure E 1

Units probably under Minister of Schools, Sciences and Arts.

- E-1 -

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PART F

SOCIETIES AND RESEARCH INSTITUTIONS

/ The parent organizations under which these
units fall are unknown. /

- F-1 -

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Jednota Československých Matematiků a Fysiků
(Mathematics and Physics Society)

Prague II, Žitná 25

Pres. B. BYDZOVSKÝ

Dir. M. VALOUCH (A Dr. VALOUCH heads Czech Research Council)

Královská Česká Společnost Nauk
(Bohemian Royal Society of Sciences)

Prague II, Lazarska 8

Pres. Dr. R. URBANEK

Sec. Gen. Prof. Dr. V. LAUFBERGER

Sec. Mathematics and Natural Sciences Section

Prof. Dr. Fr. SLAVÍK

Federation of Czechoslovak Inventors and Research Workers

Prague II, Mezibranská 2

(Professional association mainly concerned with scientific matters.)

(Reported in February 1952 as having been disbanded.)

Ústřední Ústav Astronomický

(Central Astronomical Institute)

Prague XII, Budečská ul. 6, iv

Observatory & Library: Ondřejov u Prahy

Dir. Dr. F. LINK

Branch Institute: Tatranská Lomnica Observatory,

Skalná Pleso, High Tatras Mountains,

Slovakia

Dir. Dr. V. GUTH

Státní Ústav Geofyzikální

(State Geophysical Institute)

Prague II, Dittrichova 13

Dir. Prof. Dr. B. SALAMON

Departments

Geomagnetical

Geoelectrical

Seismological

Gravimetical

/Seismological Stations at:

(1) Prague

(2) Cheb (50:04N, 12:22E)/

Figure F-1
Societies and Research Institutions

- F-2 -

SECRET

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50X1

Societies and Research Institutions (continued)

Státní Meteorologický Ústav
(State Meteorological Institute)

Prague XVI, Holečkova 8

Dir. Dr. A. GREGOR

and Bratislava, Trnavská cis I

Dirs. Prof. Mikulas KONČEK, Dr. Emil VESELY

(Note: These institutes may be under the Ministry of Transportation.)

Departments under Prague Institute:

- : Synoptic Meteorology
- : Climatology
- : Instruments
- : Agriculture Meteorology
- : Bioclimatology

Departments under Bratislava Institute:

- : Climatology
- : Synoptic
- : Meteorology
- : Instruments

Státní Úřad Statistický
(State Statistical Office)

Prague, Belského 2

Pres. Dr. F. FAFJR

Výzkumný Ústav Vodohospodářský
(Hydraulic Research Board)

Prague XIX, Podbaba

Dir. V. JELEN; Chief of Hydrological Research

Dr. A. BRATRÁNEK; Chief of Research in Applied Hydraulics

Dr. L. LISKOREC; Chief of Water Pollution Research Dr. B. CYRUS,
Chief of Research in Soil Mechanics J. FRANCEK.

Ústřední Geologický Ústav v Praze
(Geological Institute)

Prague XVIII, Hlávov 6

Dir. Dr. Ladislav CEPEK; Chief of Technical Dept. Jan KOVÁN,

Chief of Mapping Dept. Dr. Vladimír ZOUBEK; Chief of Hydrological

Dept. Dr. Ing. Ota HYNIE; Chief of Geophysical Dept. Dr. Rudolf
BEHOUNEK.

Vojenský Zeměpisný Ústav
(Military Geographical Institute)

Prague XIX, Roosevelt St. 23

Pres. Col. Dr. J. CERMAK

Státní Fotomerický Ústav
(State Photo-Geographical Institute)

Prague III, Karmelitska 12

Figure F-1
Societies and Research Institutions (continued)

- F-3 -

SECRET

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Societies and Research Institutions (continued)

Státní Radiologický Ústav
(State Radiological Institute)
Prague II, Vodickova 18

Státní Ústav Hydrologický T.G. MASARYKA /See Hydraulic Research Board above -
(State Hydrological Institute) May be same unit./
Prague, Podbaba

Union of Students and Employees of Universities and Scientific
Institutes.
Location unknown

Society for the Dissemination of Political and Scientific Knowledge
Location unknown

"78 VII" (Vyskumny Ústav)
(Military research institute studying the influence of weather on
Asiatics.)
Smilov (southeast of Mährisch Stemberg (coordinates unknown))

Figure F-1
Societies and Research Institutions (continued)

- F-4 -

SECRET

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PART G

MILITARY TECHNICAL INSTITUTE

/ The Military Technical Institute carries out research and development in all fields of interest to the Czech Army.

Note: The date of information of this intelligence is 1949. The exact position occupied by the Military Technical Institute in the government structure is unknown. _/

-G-1-

SECRET

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Brig. Gen. J. Trejbal
Commander
Prague-Dejvice
Rear of General Staff
Building/

Auxiliary Personnel :

Administration :

1. Department

(Armament)

Col. Eduard Slechta, Chief.

1st Section

(Artillery)

Lt. Col. J. Mach

2nd Section

(Ammunition)

Lt. Col. Svetny

3rd Section

(Infantry weapons)

Col. (fna) Zelinka

4th Section

(Ballistics)

Lt. Col. (fna) Tesar

5th Section

(Optical Instruments)

Lt. Col. Karel Javurek

6th Section

(Rockets)

Lt. Col. Motycka

Located at Podmokly

Part of this
Section became
Dept. II, 3rd
Section./

Testing Ranges in

HLBOKA u SENICE

Figure G-1
Military Technical Institute

- G-2 -

SECRET

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:- II. Department

: (Electrical Engineering)

: Col. (fnu) Stary, Chief

:- 1st Section

: (Low Voltage)

: Lt. Col. (fnu) Tichy

: Located at Prague-Kbelv

:- 2nd Section

: (High-Voltage)

: Lt. Col. (fnu) Svec

:- 3rd Section

: (Armament)

: Electrotechnics

: Maj. (fnu) Bilek

: Located at Prague-Mebusice

:- Television Section

: Lt. Col. (fnu) Racek

: Located at Tanvald

: / In 1949, new building was

: being erected for this

: Section at Prague-Mebusice.

: Section has probably moved

: there by now. /

:- III Department

: (Machinery)

: Col. Vladimir Groisl, Chief

:- 1st Section

: (Automobile)

: (fnu) Ruzicka

:- 2nd Section

: (Armored vehicles)

: Lt. Col. (fnu) Solansky

:- 3rd Section

: (Machines)

: Lt. Col. (fnu) Vostatek

:- 4th Section

: (Vehicle testing)

: Maj. Otakar Borik

:- Testing Grounds in

: Northern Moravia

Figure G-1
 Military Technical Institute (continued).

- G-3 -

SECRET

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:
:
:- IV Department
: (Chemistry)
: Col. (fmu) Mueller, Chief
:
: :- 1st Section
: : (Special Means of warfare)
: : Lt. Col. (fmu) Popok
:
: :- 2nd Section
: : (Explosives)
: : Lt. Col. Hadlec
:
: :- 3rd Section
: : (POL, paints, textiles,
: : leather and foods)
: : Lt. Col. (fmu) Svoboda
:
: :- 4th Section
: : (General Chemistry)
: : (fmu) Sedivy
:
: :- Petrol-Testing Plant in
: : Hnevice
:
:
:- V Department
: (Engineering)
: Lt. Col. (fmu) Chaloupke, Chief
:
: :- 1st Section
: : (Bridges and Boats)
: : Unknown
:
: :- 2nd Section
: : (Destruction technique)
: : Maj. (fmu) Machac
:
: :- 3rd Section
: : (Machinery)
: : Planned but not in existence.
:
: :- 4th Section
: : (Constructions)
: : Planned but not in existence.
:
: :- 5th Section
: : (Camouflage)
: : Planned but not in existence.
:
: :- 6th Section
: : (Railways)
: : Planned but not in existence.
:
: :- Testing Grounds in Troja
:
:

```

Figure G-1
Military Technical Institute (continued)

- G-4 -

SECRET

SECRET

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:- Section of Mechanical Technology
: Lt. Col. Václav Dečina, Chief

:- Section of Health
Maj. (fnu) Tvrdý, Chief

Figure G-1
Military Technical Institute (continued)

- G-5 -

SECRET

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PART B

TECHNICAL DOCUMENT CENTER

/ All foreign technical and scientific
information which reaches Czechoslovakia
is channeled to this institution. /

- H-1 -

SECRET

SECRET

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TECHNICKE DOCUMENTACNI STREDISKO
 (Technical Document Center)
 Old University Building, Prague-Clementinum
 /Formerly at Prague II, Jungmannova Ulice/

This agency was previously technical archive of Ceskoslovenske Zavody Kovodelne a Strojirenske, a nationalized heavy industrial combine. After this combine was dissolved, the Technical Document Center was attached to the Vysoka Skola Technicka (Highest Technical School on university level). The center, however, is not subordinated to the above school, and works more or less independently. The Technical Document Center was originally established in 1946 as a part of Ceskoslovenske Zavody Kovodelne, but at that time it was a normal technical documentation department of an industrial corporation. Today it has nation-wide importance, since all collected domestic and foreign technical and scientific information is channeled to this institution.

Figure H-1

- H-2 -

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 Auth: DDA REG. 77/1763
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